

Title (en)

CONTAINER FOR STERILE PACKAGING OF ITEMS UNDER REDUCED PRESSURE

Title (de)

BEHÄLTER ZUM STERILEN VERPACKEN VON GEGENSTÄNDEN UNTER REDUZIERTEM DRUCK

Title (fr)

CONTENEUR POUR L'EMBALLAGE STÉRILE D'ARTICLES SOUS PRESSION RÉDUITE

Publication

**EP 3393388 A1 20181031 (DE)**

Application

**EP 18710827 A 20180308**

Priority

- DE 102017105659 A 20170316
- EP 2018055791 W 20180308

Abstract (en)

[origin: WO2018166892A1] The invention relates to a container for sterile packaging objects under reduced pressure, said container comprising a lower part (1) and an upper part (2). The lower part (1) is constructed from a bottom (3) and at least one lower-part side wall (4), the at least one lower-part side wall (4) extending upward from the bottom (3) and the bottom (3), together with the at least one lower-part side wall (4), defining a lower-part interior space having an open upper end. The upper part (2) is constructed from a cover (5) and at least one upper-part side wall (6), the at least one upper-part side wall (6) extending downward from the cover (5) and the cover (5), together with the at least one upper-part side wall (6), defining an upper-part interior space having an open lower end. The container has an annular sealing element (7) having a main sealing-element plane DH, the sealing element (7) being H-shaped in cross-section perpendicular to the main sealing-element plane, with two flanges (8.1), (8.2) and a web (9). The upper part (2) can be slid between the flanges (8.1, 8.2) of the sealing element (7) by means of the entire edge region (6.1) of the upper-part side wall (6) adjacent to the open lower end of the upper part, and the lower part (3) can be slid between the flanges (8.1, 8.2) of the sealing element (7) by means of the entire edge region (4.1) of the lower-part side wall (4) adjacent to the open upper end of the lower part. The sealing element (7) is designed to tightly close the container, the flange (8.1) of the sealing element (7) arranged on the outside of the container when the container is assembled being equipped with at least one predetermined tearing point (10) for destroying the tight closure of the container.

IPC 8 full level

**A61B 50/30** (2016.01); **A61B 50/00** (2016.01); **A61B 90/00** (2016.01)

CPC (source: EP US)

**A61B 50/30** (2016.02 - EP US); **A61L 2/26** (2013.01 - US); **A61B 2050/006** (2016.02 - EP US); **A61B 2050/0066** (2016.02 - EP US); **A61B 2050/0086** (2016.02 - EP US); **A61B 2090/037** (2016.02 - EP US); **A61L 2202/182** (2013.01 - US); **A61L 2202/24** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018166892 A1 20180920**; DE 102017105659 A1 20180920; EP 3393388 A1 20181031; EP 3393388 B1 20190626; US 2019216567 A1 20190718

DOCDB simple family (application)

**EP 2018055791 W 20180308**; DE 102017105659 A 20170316; EP 18710827 A 20180308; US 201816304593 A 20180308